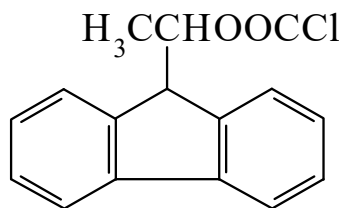




>>Entry Name: 1-(9*H*-Fluoren-9-yl)ethyl carbonochloridate, 9Cl

Synonym(s): 1-(9-Fluorenyl)ethyl chloroformate. FLEC



CAS Registry Number: 118609-65-7

Molecular Formula: C₁₆H₁₃ClO₂

Molecular Weight: 272.73

Accurate Mass: 272.060407

Percentage Composition: C 70.46%; H 4.80%; Cl 13.00%; O 11.73%

Aldrich: 33871-0

>>Variant: (+)-form

CAS Registry Number: 107474-79-3

Molecular Formula: C₁₆H₁₃ClO₂

Molecular Weight: 272.73

Accurate Mass: 272.060407

Percentage Composition: C 70.46%; H 4.80%; Cl 13.00%; O 11.73%

Use/Importance: Reagent for hplc sepn. of amino acid enantiomers and chiral amines

Physical Description: Oil

Optical Rotation: $[\alpha]_{\text{D}}^{25} +67.9$ (c, 1 in CH₂Cl₂)

Aldrich: 33597-5

Sigma: F1541

References:

Einarsson, S. *et al.*, *Anal. Chem.*, 1987, **59**, 1191, (*synth, use*)

Veuthy, J.L. *et al.*, *Chromatographia*, 1989, **27**, 105, (*use*)